

SOV/85-58-10-27/34

AUTHOR: Ivannikov, I., USSR Champion, Master of Sports; Matveyev, V., Master of Sports; and Lebedinskiy, M.

TITLE: At All-Union Model-aircraft Airfields (Na Vsesoyuznykh avia-model'nykh startakh)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 10, pp 27-31 (USSR)

ABSTRACT: The authors report on the All-Union model-aircraft competition of Komsomol members in honor of the 40th anniversary of the VIKSM. The contest took place in August [1958] at Tushino, the airfield of the Tsentral'nyy aeroklub SSSR imeni V.P. Chkalova (USSR Central Aeroclub imeni V.P. Chkalov). A detailed account is given of the records of individual teams and aircraft models, including scores. There are 7 photographs.

Card 1/1

IVANNIKOV, I.

The directors of publishing houses speak. Voen. znan. 40 no.2:47
F '64. (MIRA 17:2)

IVANNIKOV, I., mayor [Tukums Latviyskoy SSR]

Visually and instructively. Voen.znan. 39 no.10:26-27 0 163.
(MIRA 16:11)

IVANNIKOV, I.; DONSKOY, V.

On the whole, yes... Voen. zman. 40 no.12&29 D '62
(MIRA 18:1)

IVANNIKOV, I., mayor

Arouse thoughts, disturb the hearts of people. Komm. Vorush.
Sil 46 no.15:70-74 Ag '65. (MIRA 18:9)

IVANNIKOV, I.A.

Baring the Rozdol region sulfur deposit in difficult hydrogeological conditions. Gor. zhur. no. 11:30-34 N '60. (MIRA 13:10)

1. Direktor Rozdol'skogo sernogo kombinata.
(Lvov Province--Sulfur mines and mining)

IVONIN, Ivan Pavlovich; DAVYDOV, Viktor Viktorovich; ZORIN, Leonid Fedorovich; IVANNIKOV, Ivan Andreyevich; AKSENOV, V.P., kand. tekhn. nauk, retsenzent; BYKHOVSKAYA, S.N., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Open pit mining of native sulfur deposits] Otkrytaia raz-rabotka mestorozhdenii samorodnoi sery. Moskva, Gosgortekh-izdat, 1963. 303 p. (MIRA 17:1)
(Sulfur mines and mining) (Strip mining)

IVANNIKOV, M. (st. Buzuluk, Chkalovskoy oblasti)

Increasing the stability of the TDK-3. Radio no. 6:47 Je '56.
(MLRA 9:8)
(Electric apparatus and appliances)

SOV/84-58-9-43/51

AUTHOR: Ivannikov, M., Chief of the Shipping Department,
Voronezh airport

TITLE: Bureaucratic Narrowness (Vedomstvennaya organichemost')

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 9, p 35 (USSR)

ABSTRACT: The author complains about the attitude of local as well as Moscow administrators of Special Purpose Aviation who deny the Voronezh airport planes for scheduled passenger air service on local oblast routes. Denial of planes is explained by a dispute concerning income which would be earned by the airport if equipment is detailed to it. Special Purpose Aviation, for its part, is anxious to use its aircraft for such assignments, the income from which falls to their credit.

Card 1/1

IVANNIKOV, M.YA.

GRIGOR'YEV, B.Ye.; UTESHEV, A.I.; IVANNIKOV, M.Ya., epizootolog.

Elimination of tuberculosis in cattle in Kursk Province collective farms. Veterinariia 34 no.11:81-83 N '57. (MIRA 10:12)

1. Veterinarnyy otdel kurskogo oblastnogo upravleniya sel'skogo khozyaystva. 2. Nachal'nik veterinarnogo otdela (for Grigor'yev). 3. Zaveduyushchiy epizooticheskim otdelom oblastnoy vетbaklaboratorii (for Uteshev).

(Kursk Province--Tuberculosis in animals)

GLAZKOV, A.; IVANNIKOV, N.

Simple preparation of die-casting molds. Mashinostroitel'
no.11:32 N '62. (MIRA 15:12)
(Die casting—Equipment and supplies)

IVANNIKOV, O.V.

Cement raw materials. [Pratsi] Inst. geol. nauk AN URSR. Ser. geol. rod. kor. kop. no.1:97-118 '63.

Sand for glass. Ibid.:128-140

(MIRA 18:6)

IVANNIKOV, P.; VERESHCHAGIN, I.

Role of collective farm trade in supplying the population
of Voronezh. Sov.torg. no.6:27-29 Je '57. (MLRA 10:8)
(Voronezh--Commerce)
(Collective farms)

IVANNIKOV, P.

We fulfill our obligations. Sov.torg. 33 no.2:28-31
F '60. (MIR 15:5)

1. Nachal'nik oblastnogo upravleniya torgovli, Voronezh.
(Voronezh Province--Retail trade)

PROSKURNIN, V.P., inzh.; PERESELENTSEV, I.F., inzh.; BAYEV, I.F., inzh.;
IVANNIKOV, P.N., inzh.

Study of the characteristics of paper condensers saturated
with chlorinated liquids. Elektrotehnika 36 no.8:18-21
Ag '64. (MIRA 17:9)

Preparation and study of the tanning extract from *Rheum tataricum* seeds. P. IVANNIKOV. *Vestnik Kakhovskoi Prom. Torgov.* 1929, 510-7; *Chem. Zentral.* 1930, II, 3094.—Tanning expts. with the exts. on sole leather were satisfactory. A. B.

AM-SEA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS
PROCESSES AND PROPERTIES INDEX

ca

2

The effect of ignition temperature on the catalytic activity of zinc oxide. P. Ya. Ivanukov, A. V. Frost and M. I. Shapiro. *Compt. rend. acad. sci. U. R. S. S.* 1933, 124-8 (in German 126).—The activity of ZnO as catalyst for the decompr. of $MeOH$ vapor decreased sharply with rise in ignition temp. of the hydrate from which the ZnO was formed. The hexagonal lattice remained unchanged between 110° and 1300° and had the following parameters: $a = 3.248 \pm 0.002$ Å, $U = 1,602 \pm 0.002$. The size of the crystallites remained unchanged from 110° to 800° ; a rapid increase began at 720° . A comparison of the changes in activity and crystal size showed that the decrease in activity began sooner and proceeded more rapidly than the decrease in surface caused by sintering.

Louise Kelley

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

Cf

10

Preparing formaldehyde by dehydrogenation of methanol. P. Vasil'yanikov and A. V. Zherko. *J. Applied Chem. (U. S. S. R.)* 6, 1148-52 (1953). According to the expts. described, insignificant amts. of HCHO and large quantities of HCO_3Me were always obtained when a Cu catalyst (10-18 g.) was used with promoters such as various amts. of Ce (0.02, 0.1 and 0.5%) washed by various methods, dried and reduced, and the MeOH was passed at various velocities through the catalyst heated to 105°, 105° and 225°. The statement of Ghosh and Baku (C. A. 21, 2240) that "the problem of a catalyst for a continuous dehydrogenation of MeOH to HCHO is solved by using ThO_2 as promoter; . . . still better results are obtained with CeO_2 ," is questioned. I. and Z. state that the presence of HCHO can be proved only by direct and not by gas analysis. Since HCHO was found only in traces, it is concluded that the above problem has not yet been solved. . . . A. A. Blythling

REF ID: A6510

ASIA-METALLURGICAL LITERATURE CLASSIFICATION

147380 94

147380 94

147380 94

62

Structure and genesis of methanol catalysts. A. V. Frost, P. Yu. Ivanukov, M. I. Shapiro and M. N. Zolotov. *Zh. Fiz. Khim.*, **7**, R. S. S. 1, 311-20 (1934). With various Zn-Cu catalysts under the exp'd. conditions of Frost *et al.* (C. A. 23, 1342) the compn. of the reaction products changed at 300° as observed by them. At 305° and 310° the compn. of the products was quite different. The activity of the catalysts decreased only very slowly. Lattice dimensions did not change with the compn. of the catalyst, $a = 5.318 \pm 0.001$ Å and $c = 1.092 \pm 0.002$ Å. Microscopic and x-ray anal. of various preps. of ZnO showed that the crystal size changed from 0.8×10^{-4} to 1.5×10^{-4} cm on changing the 3-hr. annealing temp. from 110° to 130°, and that the ads/pure capacity toward methylene blue was approx. inversely proportional to the crystal size, while the catalytic activity fell still more rapidly. A study of ZnO-Cr₂O₃ catalysts in the ratios 1:1 and 1:2 (mixed, resp., by joint pptn. and by simple mixing) showed that the size of the crystal of the 1st was always about 1/2 that of pure ZnO crystals, while the latter always gave the same or a little less for pure Cr₂O₃ on annealing at any temp. above 110°. X-ray analysis showed spinel formation. The catalytic activity decreased rapidly

as the annealing temp. was raised with ZnO, d.2ZnO-Cr₂O₃ and ZnO-Cr₂O₃ but was const. for pure Cr₂O₃, except above 300°. For a given treatment d.2ZnO-Cr₂O₃ was always more active catalytically, as measured by MeOH decompr., than pure ZnO. The greatest difference was obtained about 100° below the temp. of spinel formation and was attributed to the production of distortions of "Fockenstein" later stabilized into the crystal.

J. H. Rathjens

43-518 METALLURICAL LITERATURE CLASSIFICATION

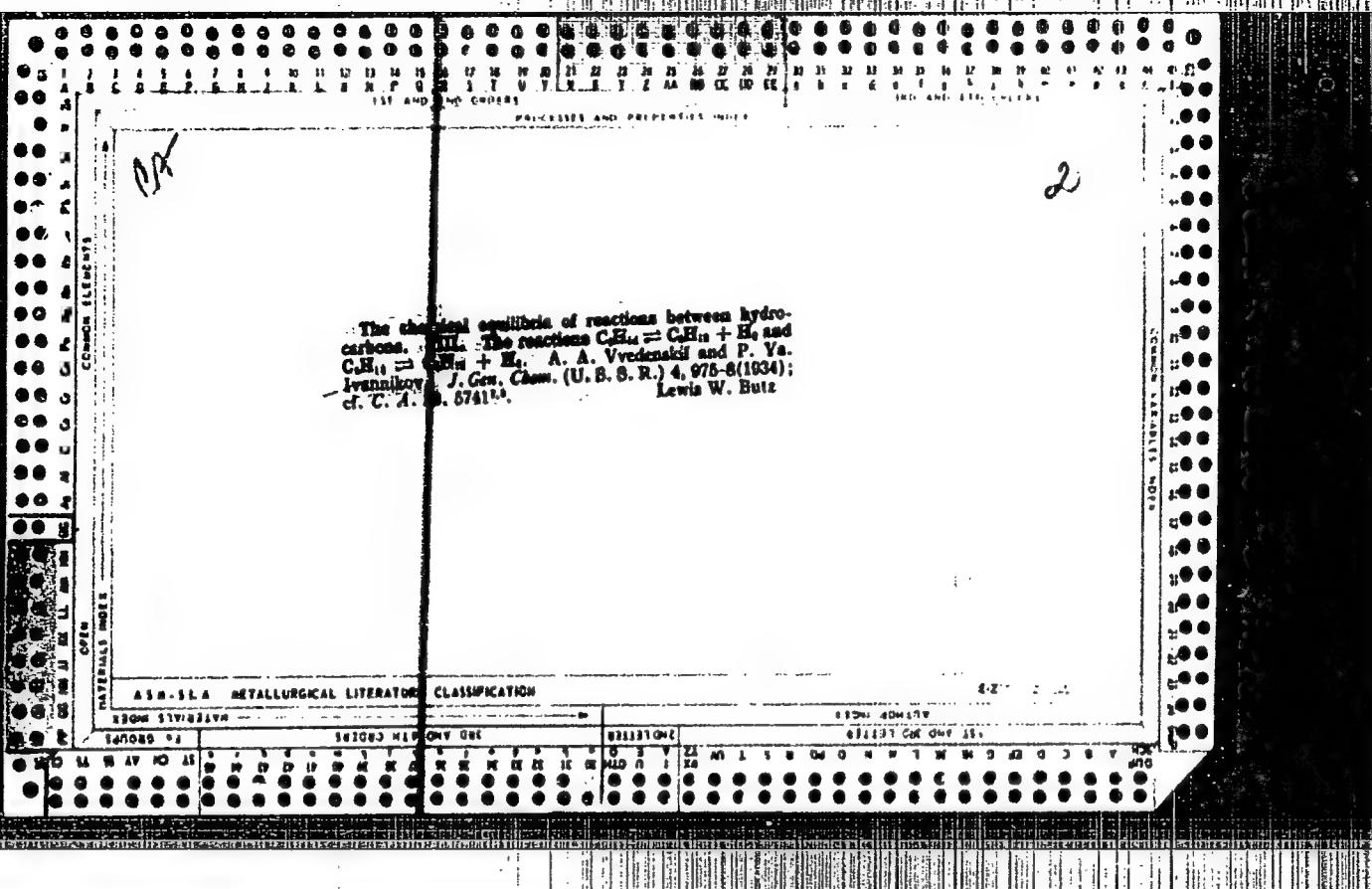
An Apparatus for the Volumetric Determination of Aluminium. P. Ya Ivanikov. (Zavodskaya Lab., 1934, 8, 863; C. Ibs., 1935, 20, 663).—[In Russian.] The determination of Al in pure and alloyed Al is based on the reaction $2\text{Al} + 2\text{KOH} + 2\text{H}_2\text{O} \rightarrow 2\text{KAlO}_2 + 3\text{H}_2$, and is performed in a specially designed apparatus.—B. O.

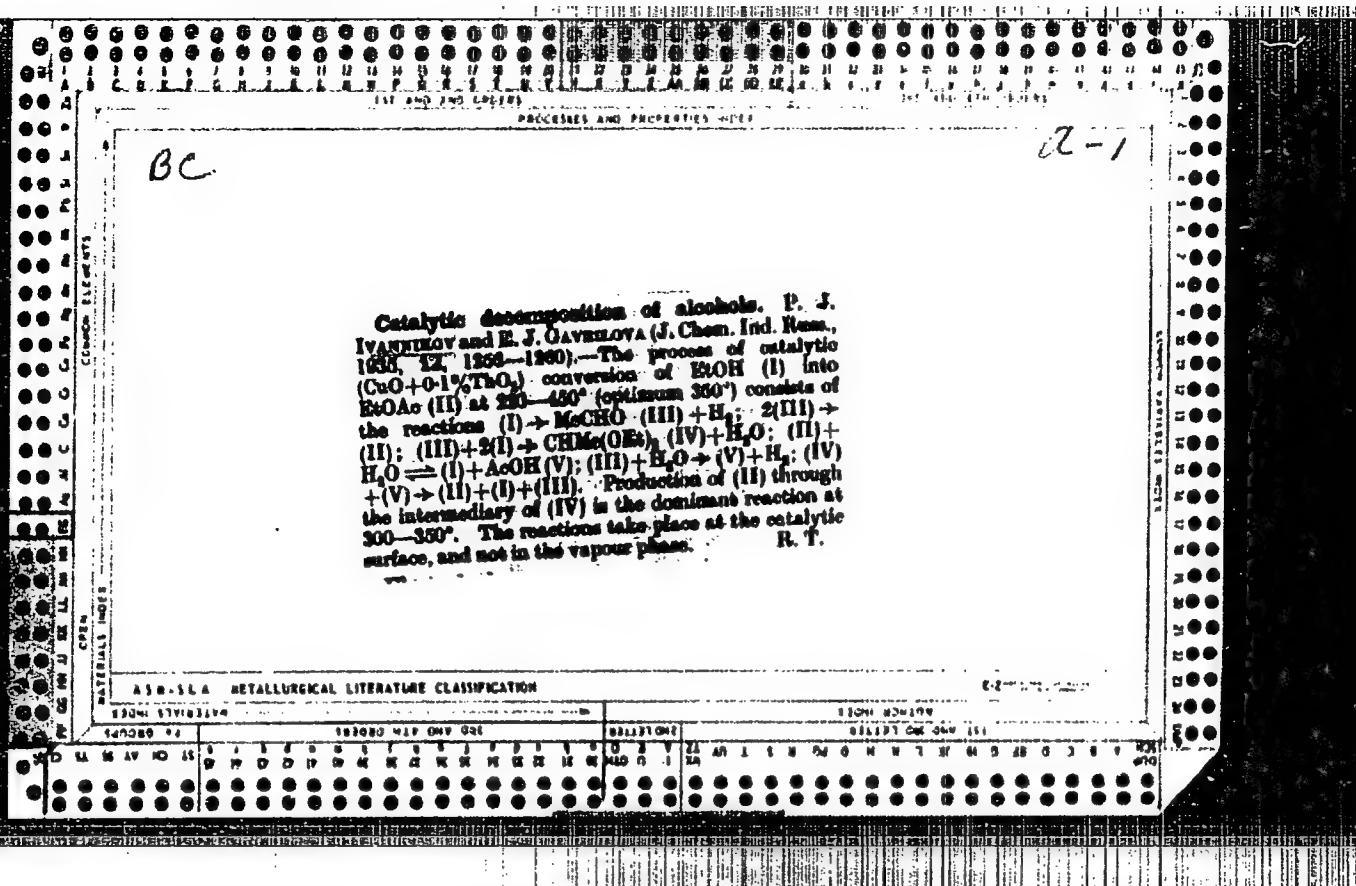
ASM-SEA METALLURGICAL LITERATURE CLASSIFICATION

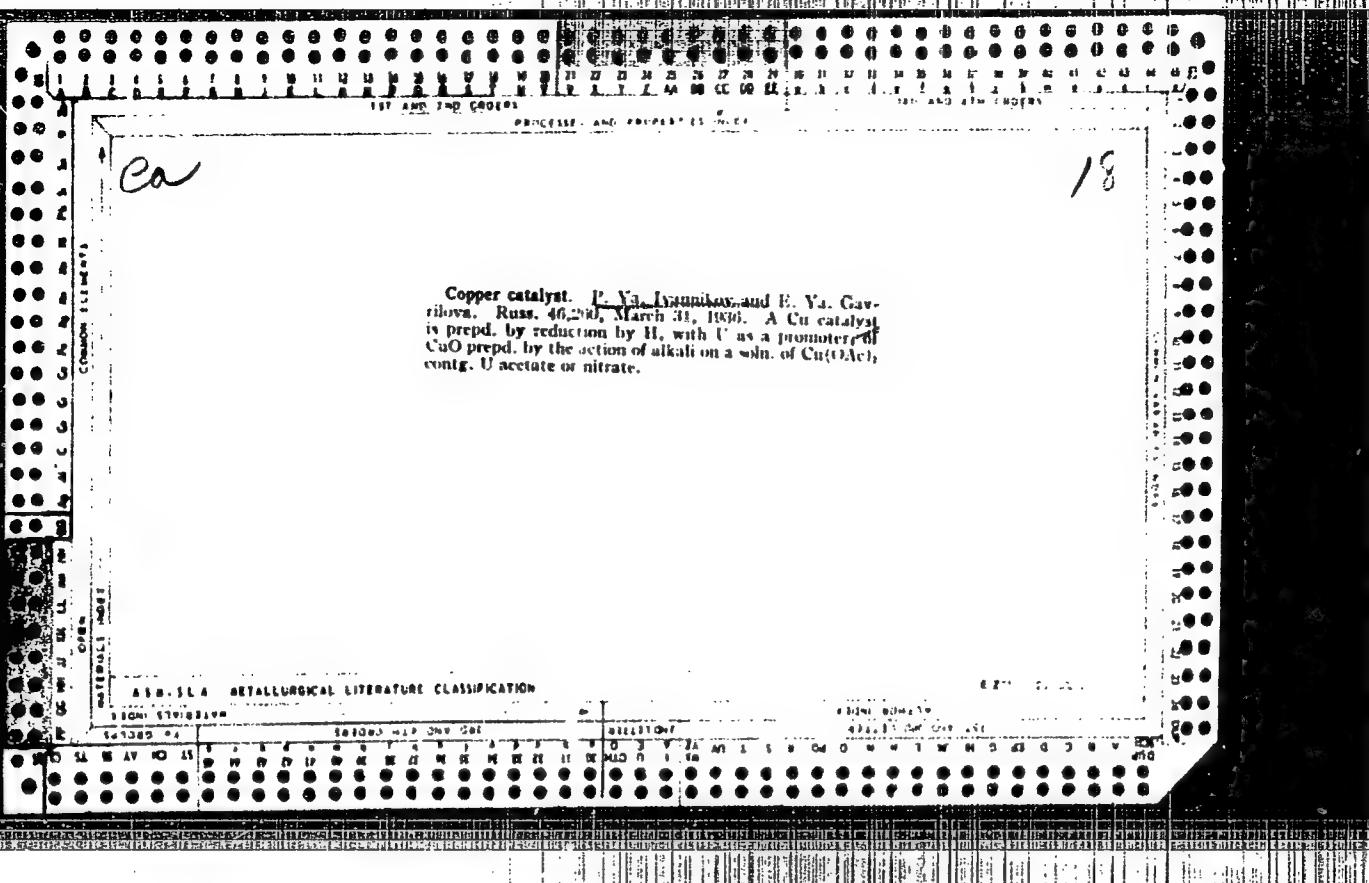
EBCON 3191832W

6-21-32-2, 6-21-33

SEARCHED	SERIALIZED	INDEXED	FILED	SEARCHED		SERIALIZED		INDEXED		FILED	
				1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8	9	10	11	12







The question of the effect of carriers on catalysts. P. Ya. Brannikov. *J. Gen. Chem. (U. S. S. R.)* 6, 1463-9 (1936).—Repetition of the exptl. work of Adadurov and Krabell (*C. A.* 27, 2067) on the conversion at elevated temps. of EtOH to Ach by Cu deposited on charcoal leads to the conclusion that A. and K. were dealing with un-

stable catalysts and consequently their assumption that the carrier is responsible for the variation in the heat of activation of the catalyst on varying the st. ratios Cu:C lacks proof. Twenty-three references. J. L.

430.524 METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"

Obtaining methyl ethyl ketone by dehydrogenation of isobutyl alcohol. P. Ya. Ivan'nikov, M. G. Tatarskaya and E. Ya. Gavrilova. Statist. Akademiia (U. S. S. R.) 1934, No. 9, 16-18; cf. C. A. 30, 1448. The isobuOH was run, at the velocity of 24-45 cc./hr., over an U-promoted Cu catalyst at 280-300°. The yield of MeC₂H₃ was 70-84.3% (in the condensate). The resulting gases contained 1.1% CO₂ and 96.9% H₂. Before the catalyst was used it was reduced with MeOH at 90-210° and was not poisoned after 10 hrs. of use. A. Pestoff

AM-11A METALLURGICAL LITERATURE CLASSIFICATION

THE JOURNAL OF

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"

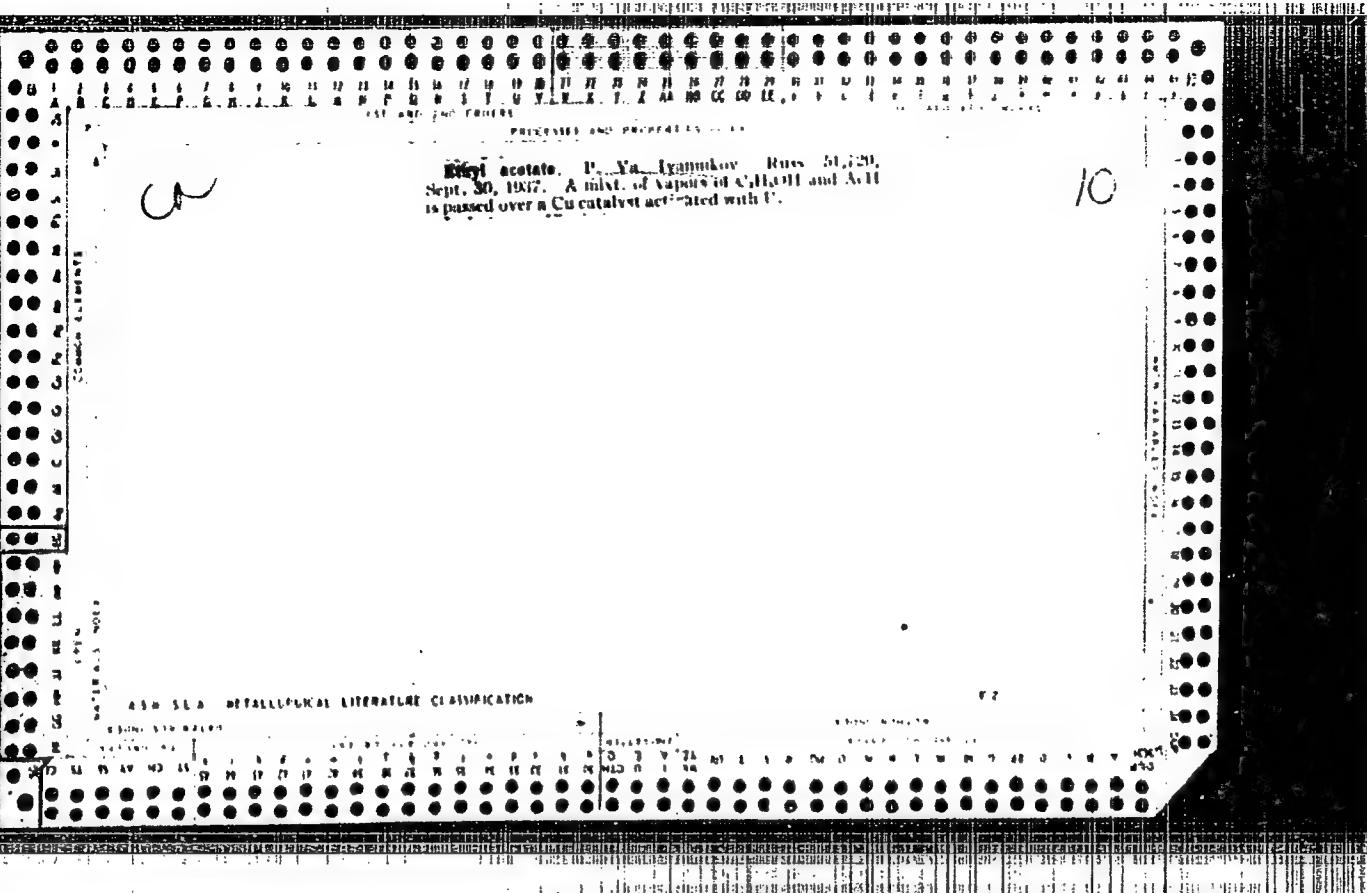
50

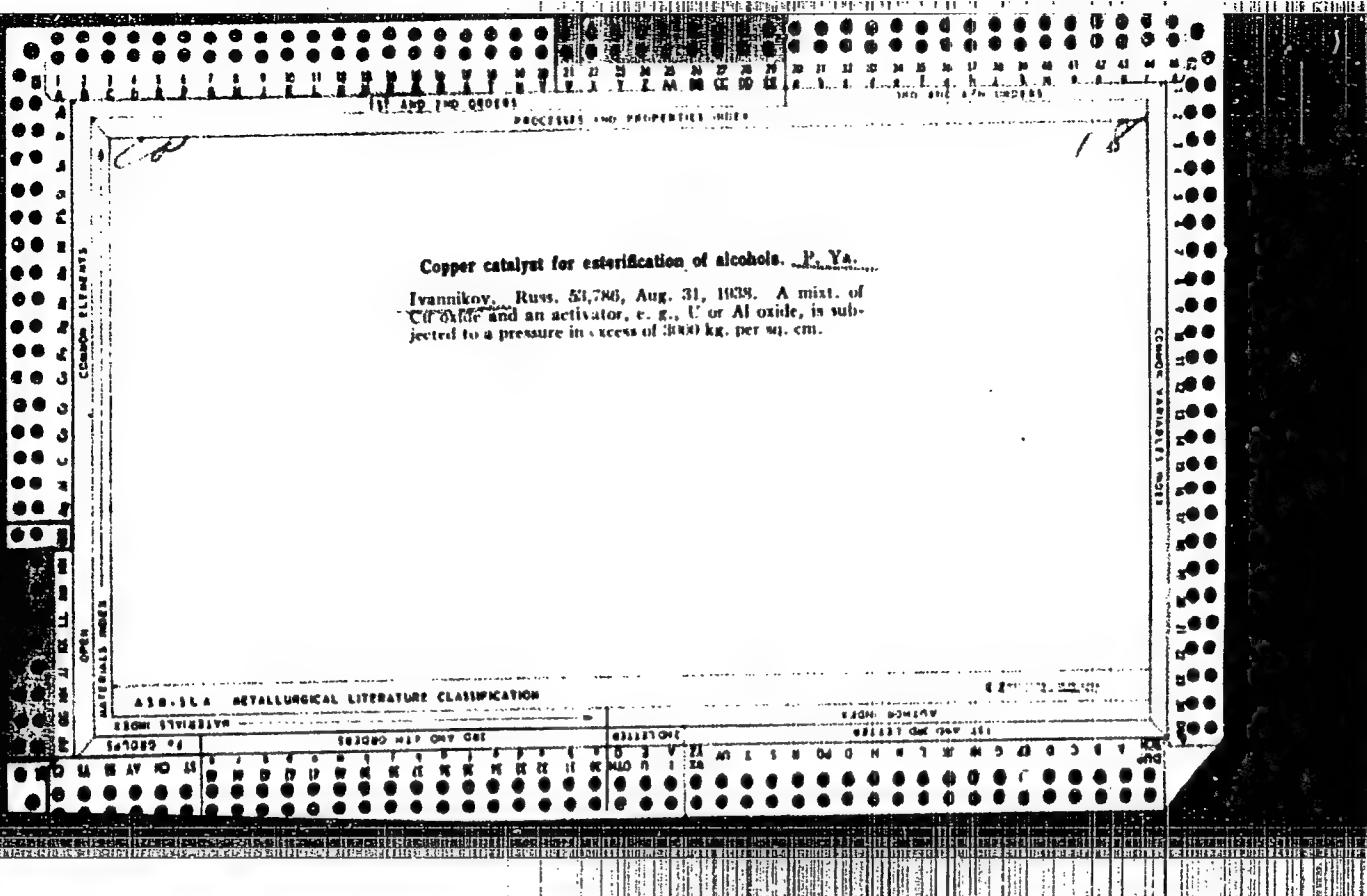
10

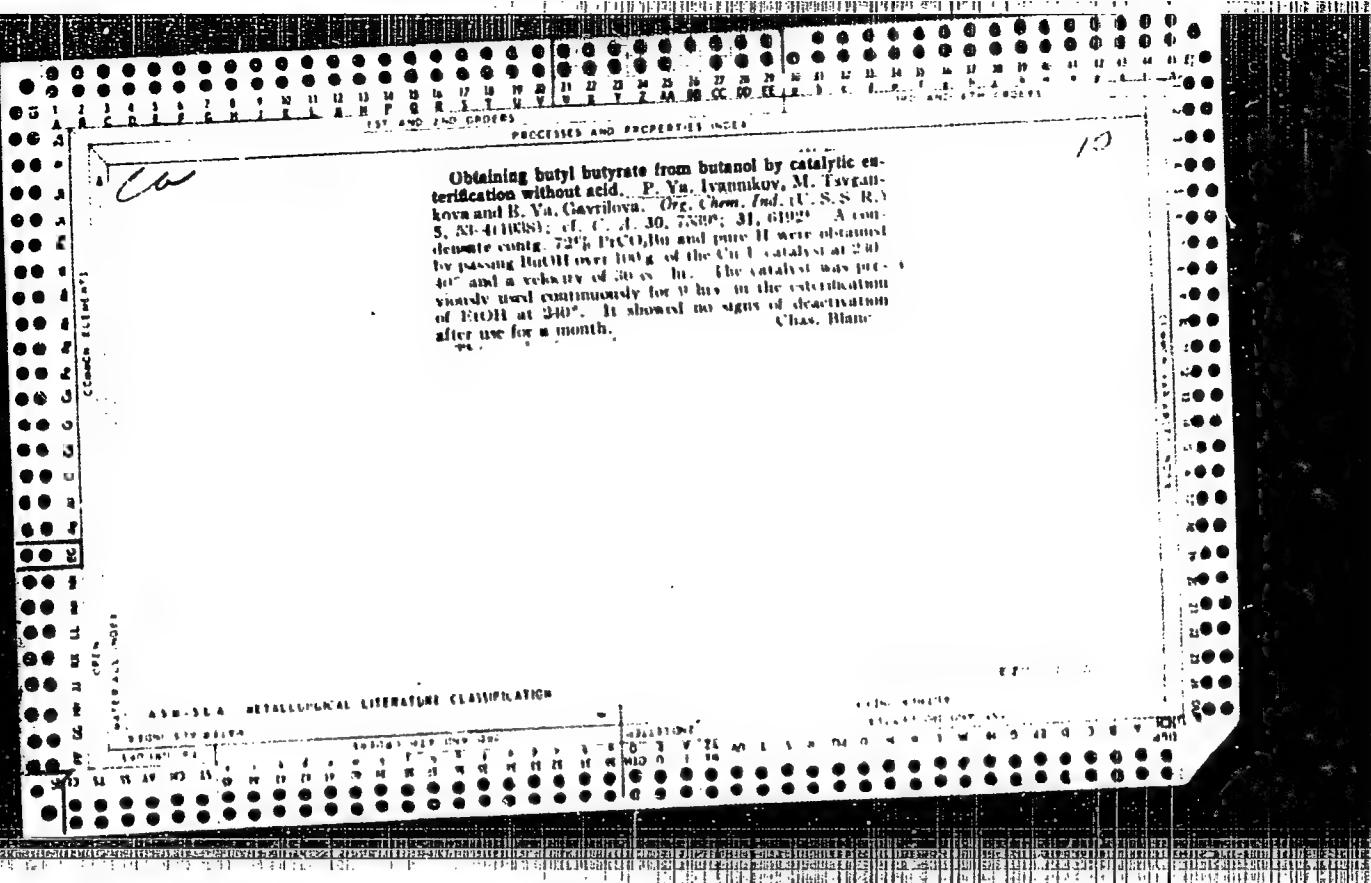
The solution of the problem of catalytic esterification of alcohols without acid. P. V. Ivan'nikov and N. Ya. Gartilova. *J. Applied Chem. (U. S. S. R.)*, 6, 490-1 (French 481) (1938).—While Cu-Ce and Cu-Th catalysts will cause EtOH to form EtOAc and H_2 , Cu-Tl catalysts will also give the corresponding reactions for $PrOH$ and $BuOH$ with 50% ester yields. The catalyst operates at 220° and slowly loses its activity. The catalyst H. M. Leicester

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"



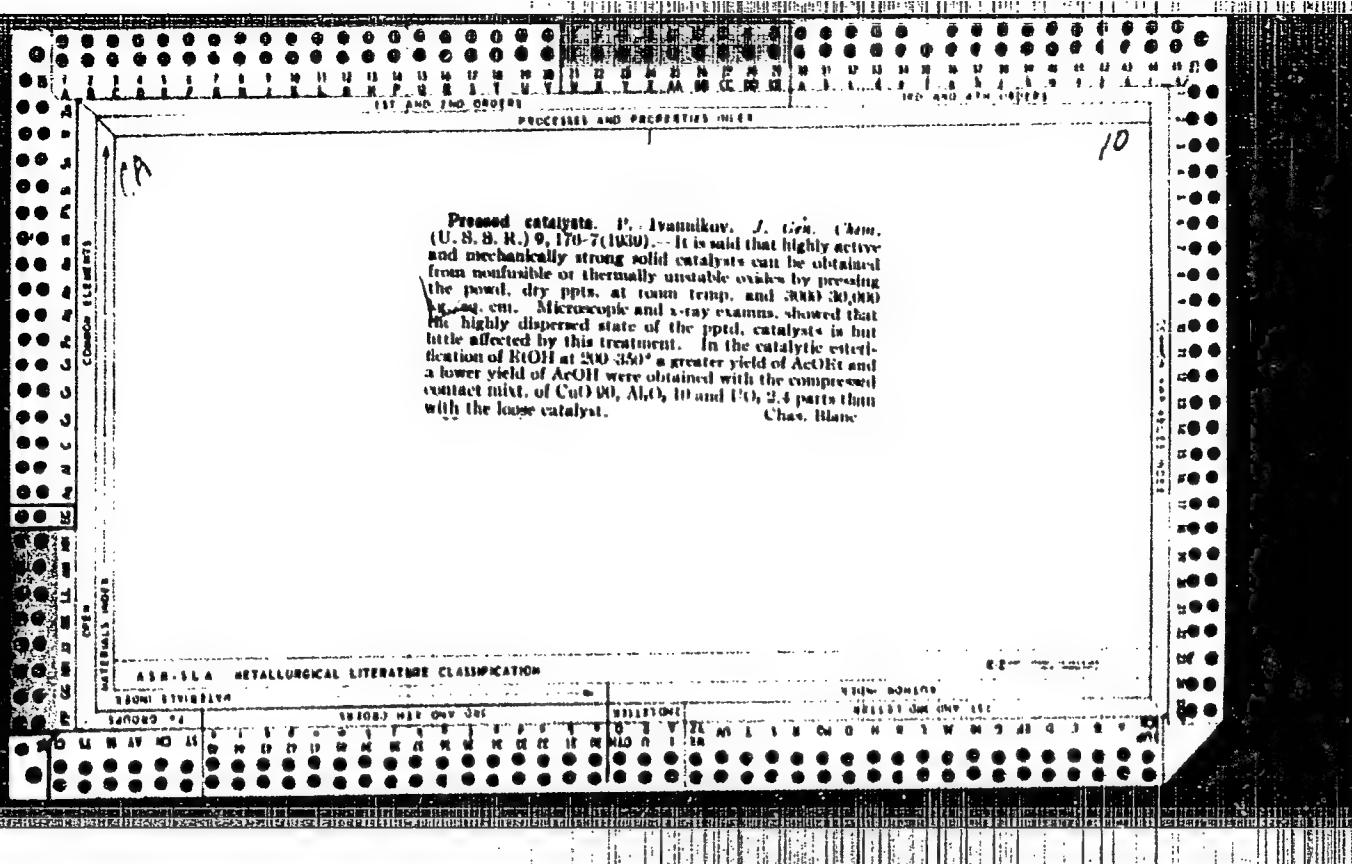




Investigation of the copper-uranium catalyst for the esterification of ethyl alcohol without acid in a large scale apparatus. P. Ya. Ivan'nikov and B. Ya. Gavrilova. *J. Applied Chem. (U. S. S. R.)* 11, 981-3 (in French 933) (1938); cf. *C. A.* 30, 7659. — The previously described expt. was repeated on a large scale. The Cu-U catalyst used for the esterification of EtOH (continued operation—1100 hrs.) at 200–20° was found to be very stable and efficient. The efficiency of the catalyst depended on the temp. and the velocity of introduction of the EtOH. Simultaneously with EtOAc, the formation of AcH, AcOH and 95–96% of H₂ was observed. A. A. Podgornv

10

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010013-0"



BC

B-D-1

Esterification of primary alcohols without the use of acids. B. VAGANOV (J. Appl. Chem. Russ., 1944, 13, 118-121).—Esters are obtained in 56-65% yield by passing primary alcohols (ROH ; $\text{R} = \text{Et}$, Pr , Bu^1 , and $\text{C}_6\text{H}_5\text{CH}_3$) over $\text{Cu}-\text{U}$ catalyst at 210-210.5°. When binary mixtures ($\text{CH}_3\text{P-OH} + \text{CH}_3\text{P-OB}$) are employed, all four possible esters are obtained, viz., $\text{Et}_2\text{O-CH}_3\text{P-OB}$, $\text{Et}_2\text{O-CH}_3\text{P-B}$, $\text{Et-CH}_2\text{O-CH}_3\text{P-B}$, and $\text{Et-CH}_2\text{O-CH}_3\text{P-OB}$.

R. T.

A.S.H.-11A METALLURGICAL LITERATURE CLASSIFICATION

Digitized by srujanika@gmail.com

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"

esterification of various primary alcohols in the absence of acids. P. Ivanukov, *J. Applied Chem. (U. S. S. R.)* 13, 118-21 (in French, 121) (1940).—The following primary alcohols were esterified at 220-310° in the presence of the catalyst $\text{CuO} + 10.8\% \text{ TiO}_2$: EtOH , PrOH , BuOH , iso-BuOH , AmOH , iso-AmOH , $\text{Me}(\text{CH}_2)\text{CH}_2\text{OH}$; the yields were 81-74.0%. The esterification proceeded according to the reaction: $2\text{RCH}_2\text{OH} + \text{RCO}_2\text{CH}_2\text{R} \rightarrow 2\text{RCH}_2\text{OCH}_2\text{R}$. The velocity of flow of alc. over the catalyst was varied from 300-3000 cc. per l. of catalyst per hr. The following mixts. of alc. were esterified in the presence of 20 g. of the catalyst at 270° with the velocity of alc. flow of 1200 cc./hr. per l. of catalyst: $\text{RIOH} = \text{BuOH}$, $\text{RIOH} = \text{iso-AmOH}$, and $\text{RIOH} = \text{Me}(\text{CH}_2)\text{CH}_2\text{OH}$; 66.3-65.2% of alc. was used. In this case, the reaction was $4\text{RCH}_2\text{OH} + 4\text{R}'\text{CH}_2\text{OH} \rightarrow \text{RCO}_2\text{CH}_2\text{R} + \text{R}'\text{CO}_2\text{CH}_2\text{R}' + \text{RCO}_2\text{CH}_2\text{R}' + \text{R}'\text{CO}_2\text{CH}_2\text{R} + 8\text{H}_2\text{O}$. The development of side reactions was negligible in all cases. The catalyst used was found to be more specific, stable, active and effective than other Cu catalysts.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"

Reaction of acid-less esterification of alcohols at low temperatures. P. Ya. Ilyanikov (Leningrad Inst. of Pressure Inst.). *J. Gen. Chem. (U.S.S.R.)* 17, 1103-4 (1947) (in Russian).—The reaction $4RCH_2OH + 4R'CH_2OH \rightarrow RCO_2CH_2R + R'CO_2CH_2R' + RCO_2CH_2R' + R'CO_2CH_2R + SiH_4$ can proceed at temps. below 200° when an active Cu-promoted catalyst and low velocities (40-60 cc. atm. per hr. per 1. catalyst) are used. The gas is almost pure H_2 and its amt. corresponds closely to theoretical. The following % conversions to esters were observed for the various alcohols: $EtOH$, 25% at 140° , 45% at 160° , 56% at 180° , and 65% at 200° ; $PrOH$, 45% at 180° and 64% at 200° ; $BuOH$, 70% at 180° and 76% at 200° ; $iso-AmOH$, 73% at 200° . No data are given as to the prepn. and compn. of the catalyst used, but reference is made to more detailed discussion in 1's dissertation "Studies in the acid-less catalytic esterification of alcohols" (Leningrad Chem. Tech. Inst. 1939; cf. *C.A.* 33, 10550; 34, 7847). G. M. Kosolapoff

G. M. Kosolapoff

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"

CD

Thermodynamics of the dehydration of alcohols. The equilibrium of the reaction: $2\text{C}_2\text{H}_5\text{OH} \rightleftharpoons \text{CH}_3\text{COOC}_2\text{H}_5 + 2\text{H}_2$. A. A. Vvedenskii, P. Ya. Ivanikov, and V. A. Nekrasova. (Leningrad Inst. High Pressures). *J. Gen. Chem. U.S.S.R.* 19, 1087-93 (1949) (Engl. translation).—
G. J. C.
See C.A. 43, 1347b.

CA

thermodynamics of the dehydrogenation reactions of alcohols. The equilibrium $2\text{CH}_3\text{OH} \rightleftharpoons \text{CH}_3\text{COOC}_2\text{H}_5 + 2\text{H}_2$. A. A. Vvedenskii, P. Ya. Ivan'nikov, and V. A. Nekrasova. *Zhur. Obshchel Khim.* (J. Gen. Chem.) 19, 1004-1100 (1949).—From data of the equil. compns. between 181 and 201.8°, K_p (av.) = 1.05 and 1.70, and $\log K_p = -(\Delta H^\circ/4.87) T + 4.10$. With the aid of the heat capacity equations, for H_2 , $C_p = 0.711 + 0.0002774 T + 0.0001001000 T^2$; for AcOH, $C_p = 2.27 + 0.88 T - 0.00000839 T^2$; and for CH_3OH , $C_p = 5.0050 + 0.04582 T - 0.00001639 T^2$, one finds $\Delta H^\circ = \Delta H_0 + 4.827 T - 0.0009426 T^2 + 0.0000007704 T^3$. Hence, with the exptl. $\Delta H^\circ = 9620$ cal. at the mean temp. 404.3°K., $\Delta H_0 = 7863$ and $\Delta H_{298} = 9003$ cal./mole, and $\log K_p = (1070.7/T) + 2.33 \log T - 0.0002001 T + 0.00000084 T^2 + 2.3059$. The heat of formation of AcOH from the elements in the standard state, 4C (graphite) + 10 (gas) + 4H₂ (gas) \rightarrow AcOH (gas), is $\Delta H_{298} = -101,114$ cal./mole, and the free energy $\Delta F_{298} = -70,800$ cal./mole; the standard entropy of AcOH, $S_{298} = 90.11$ cal./mole/degree. The latter value is at variance with Parks and Hummel's $S_{298} = 92.0$, which corresponds to $S_{100} = 97.07$, and leads to $\log K_p$ values inconsistent with those obt'd. experimentally. N. Thon

Surgeind Inst-High Pressure

ASPLA METALLURGICAL LITERATURE CLASSIFICATION

1000 1100 1200

1300 1400 1500

1600 1700 1800

1900 2000 2100

2200 2300 2400

2500 2600 2700

2800 2900 3000

3100 3200 3300

3400 3500 3600

3700 3800 3900

4000 4100 4200

4300 4400 4500

4600 4700 4800

4900 5000 5100

5200 5300 5400

5500 5600 5700

5800 5900 6000

6100 6200 6300

6400 6500 6600

6700 6800 6900

7000 7100 7200

7300 7400 7500

7600 7700 7800

7900 8000 8100

8200 8300 8400

8500 8600 8700

8800 8900 9000

9100 9200 9300

9400 9500 9600

9700 9800 9900

10000 10100 10200

10300 10400 10500

10600 10700 10800

10900 11000 11100

11200 11300 11400

11500 11600 11700

11800 11900 12000

12100 12200 12300

12400 12500 12600

12700 12800 12900

13000 13100 13200

13300 13400 13500

13600 13700 13800

13900 14000 14100

14200 14300 14400

14500 14600 14700

14800 14900 15000

15100 15200 15300

15400 15500 15600

15700 15800 15900

16000 16100 16200

16300 16400 16500

16600 16700 16800

16900 17000 17100

17200 17300 17400

17500 17600 17700

17800 17900 18000

18100 18200 18300

18400 18500 18600

18700 18800 18900

19000 19100 19200

19300 19400 19500

19600 19700 19800

19900 20000 20100

20200 20300 20400

20500 20600 20700

20800 20900 21000

21100 21200 21300

21400 21500 21600

21700 21800 21900

22000 22100 22200

22300 22400 22500

22600 22700 22800

22900 23000 23100

23200 23300 23400

23500 23600 23700

23800 23900 24000

24100 24200 24300

24400 24500 24600

24700 24800 24900

25000 25100 25200

25300 25400 25500

25600 25700 25800

25900 26000 26100

26200 26300 26400

26500 26600 26700

26800 26900 27000

27100 27200 27300

27400 27500 27600

27700 27800 27900

28000 28100 28200

28300 28400 28500

28600 28700 28800

28900 29000 29100

29200 29300 29400

29500 29600 29700

29800 29900 30000

30100 30200 30300

30400 30500 30600

30700 30800 30900

31000 31100 31200

31300 31400 31500

31600 31700 31800

31900 32000 32100

32200 32300 32400

32500 32600 32700

32800 32900 33000

33100 33200 33300

33400 33500 33600

33700 33800 33900

34000 34100 34200

34300 34400 34500

34600 34700 34800

34900 35000 35100

35200 35300 35400

35500 35600 35700

35800 35900 36000

36100 36200 36300

36400 36500 36600

36700 36800 36900

37000 37100 37200

37300 37400 37500

37600 37700 37800

37900 38000 38100

38200 38300 38400

38500 38600 38700

38800 38900 39000

39100 39200 39300

39400 39500 39600

39700 39800 39900

40000 40100 40200

40300 40400 40500

40600 40700 40800

40900 41000 41100

41200 41300 41400

41500 41600 41700

41800 41900 42000

42100 42200 42300

42400 42500 42600

42700 42800 42900

43000 43100 43200

43300 43400 43500

43600 43700 43800

43900 44000 44100

44200 44300 44400

44500 44600 44700

44800 44900 45000

45100 45200 45300

45400 45500 45600

45700 45800 45900

46000 46100 46200

46300 46400 46500

46600 46700 46800

46900 47000 47100

47200 47300 47400

47500 47600 47700

47800 47900 48000

48100 48200 48300

48400 48500 48600

48700 48800 48900

49000 49100 49200

49300 49400 49500

49600 49700 49800

49900 50000 50100

50200 50300 50400

50500 50600 50700

50800 50900 51000

51100 51200 51300

51400 51500 51600

51700 51800 51900

52000 52100 52200

52300 52400 52500

52600 52700 52800

52900 53000 53100

53200 53300 53400

53500 53600 53700

53800 53900 54000

54100 54200 54300

54400 54500 54600

54700 54800 54900

55000 55100 55200

55300 55400 55500

55600 55700 55800

55900 56000 56100

56200 56300 56400

56500 56600 56700

56800 56900 57000

57100 57200 57300

57400 57500 57600

57700 57800 57900

58000 58100 58200

58300 58400 58500

58600 58700 58800

58900 59000 59100

59200 59300 59400

59500 59600 59700

59800 59900 60000

60100 60200 60300

60400 60500 60600

60700 60800 60900

61000 61100 61200

61300 61400 61500

61600 61700 61800

IVANNIKOV, S.G., kand.sel'skokhozyaystvennykh nauk

Changing the nature of certain solanaceous and leguminous plants
through vegetative hybridization. Trudy Kish, sel'khoz. inst.
3:195-207 '55. (MIRA 11:7)
(Nightshade) (Beans) (Grafting)

Country : USSR

Category : Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : RZhBiol., No 6, 1959, No 24896

Author : Ivannikov, S. G.

Inst : Tiraspol' State Pedagogical Institute.

Title : Grafting among the Wild Species of the Solanaceous Family.

Orig Pub : Uch. zap. Tiraspol'skiy gos. ped. in-t, 1957,
vyp. 4, 79-84

Abstract : Out of 78 graftings of cherry-like tomatoes on the red nightshade, large fruits were obtained only on one cluster (2.6 g in place of 1 g). In F_1 and F_2 , the fruits attained a weight of 6.9, 9.6, 16.6, 23.3, and 24.9 g. They were of a round and flat shape, and their chamber capacity increased from 2 to 5-6 and 8-13. F_2 was characterized by a great variety of shapes. -- I. P. Pavlov

Card : 1/1

IVANNIKOV, S.G.

Works on the mentor effect of alien pollen on self-fertilization in corn. Nauch.dokl.vys.shkoly: biol.nauki no.4:201-205 '60. (MIRA 13:11)

1. Rekomendovana kafedroy botaniki Tiraspol'skogo pedagogicheskogo instituta.
(CORN BREEDING)

NIKOLAYEVA, N. G.; IVANNIKOV, S. G.

Change in the grains of corn under the influence of increased
doses of 2,4-D. Uch. zap. Tir. gos. ped. inst. no 9:201-205
'60. (MIRA 16:1)

(Corn(Maize)) (2,4-D)

IVANNIKOV, S.G., kand.sel'skokhozyaystvennykh nauk

Effect of sunflower pollen on the fertilization of corn in
self-pollination. Agrobiologiya no.4:623-624 J1-Ag '61.
(MIRA 14:7)

1. Tiraspol'skiy gosudarstvennyy pedagogicheskiy institut,
Tiraspol'.
(Fertilization of plants) (Corn breeding)

IVANNIKOV, S.G., kand.sel'skokhozyaystvennykh nauk

Second flowering of an annual. Priroda 50 no.4:115-116 Ap '61.
(MIRA 14:4)

1. Biologicheskaya stantsiya Tiraspol'skogo pedagogicheskogo
instituta.
(Plants, Flowering of) (Chick-pea)

IVANNIKOV, S.G., kand.sel'skokhoz.nauk

Proliferation of the inflorescence of the sunflower. Priroda
51 no.5:60 My '62. (MIRA 15:5)

1. Biologicheskaya stantsiya Tiraspol'skogo pedagogicheskogo
instituta. (Sunflowers) (Proliferation)

IVANNIKOV, S. P. Cand Agr Sci -- (diss) "Selection of forest-steppe aspens
on the basis of speed
according to the rate of growth, rot resistance, and quality of wood." Mos, 1956.
16 pp 21 cm. (Min of Higher Education. Mos Forestry Engineering Inst), 110 copies
(KL, 15-57, 106)

ANUCHIN, N.P., prof., otv. red.; BULGAVSKAYA, M.M., red.;
DERYABIN, D.I., kand. sel'khoz. nauk, red.; ZHELNINOV,
G.F., kand. sel'khoz. nauk, red.; IVANNIKOV, S.P., kand.
sel'khoz. nauk, red.; IVANOV, G.G., red.; LARYUKHIN, G.A.,
kand. tekhn. nauk, red.; LOSITSKIY, K.B., doktor sel'khoz.
nauk' zam. otv. red.; MIRONOV, V.V., kand. sel'khoz. nauk,
red.; RODIONOV, A.Ya., kand. sel'khoz. nauk, red.;
TRUBNIKOV, M.N., kand. ekon. nauk, red.; CHEVEDAYEV, A.A.,
kand. sel'khoz. nauk, red.; SHUMAKOV, V.S., kand. sel'khoz.
nauk, red.; YURGEISON, F.B., doktor biol. nauk, red.; TROPIN,
I.V., kand. sel'khoz. nauk, red.

[Studying the performance of new machinery in silvicultural
work; scientific papers] Issledovanie rabochikh protsessov
novykh mashin na lesokul'turnykh rabotakh; nauchnye trudy.
Moskva, Izd-vo "Lesnaia promyshlennost', 1964. 111 p.

(MIRA 17:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
lesovodstva i mekhanizatsii lesnogo khozyaystva.

DMITRIYEV, Yu.V.; MAZUROV, I.V.; IVANNIKOV, V.I.

Electrolytic polishing and electrolytic peening of SAP (sintered aluminum powder). Zav.lab. 30 no.3:316 '64. (MIRA 17:4)

1. Moskovskiy aviatsionnyy tekhnologicheskiy institut.

MAKHLIN, Z., inzh. (Leningrad); SHNEYDER, V. (g. Anzhero-Sudzhensk,
Kemerovskoy oblasti); IVANNIKOV, V., inzh. (Novosibirsk);
PEKELIS, G., inzh. (Leningrad); KIRYUSHIN, N., inzh. (Krasnodar)

Suggested, created, introduced. Izobr. i rats. no. 7:20-21 J1 '61.
(MIRA 14:6)

1. Zamestitel' predsedatelya soveta Vsesoyuznogo obshchestva
izobretateley i ratsionalizatorov obogatitel'noy fabriki 9-15
(for Shneyder).

(Technological innovations)

FILJPSKIKH, A.A., inzh.; IVANNIKOV, V.D., inzh.; BURUMENSKIY, N.D., inzh.

Semiautomatic welding with a powder wire at a construction site.
Svar. proizv. no.8:31 Ag '64. (MIRA 17:9)

1. Dnepropetrovskoye stroitel'noye upravleniye No.460 tresta
"Ukrenergochermet" (for Filipskikh, Ivannikov). 2. Trest
"Ukrenergochermet" (for Burumenskiy).

IVANNIKOV, V. F.
USSR/Agriculture - Fertilization

Card 1/1 : Pub. 77, 20/26

Authors : Yakushkin, I. V., Active Mem. of the Lenin Agri. Acad.; and Ivannikov, V. F., Aspirant to the chair of plant culture, Timiryazev Acad.
Title : Feeding grain plants by air

Periodical : Nauka i zhizn' 21/7, 38, July 1954

Abstract : It is found that plants, especially grain, can be "fed" by sprinkling chemicals on the stalks as well as by embedding them in the soil to be absorbed by the roots. Successful work of this kind has been done by the use of an airplane. Figures of results obtained with various kinds of grain are presented. Illustration.

Institution : ...

Submitted : ...

IVANNIKOV, V.F., nauchnyy sotr.; PAKHOMOV, A.Ya., nauchnyy sotr.; UCHAYKIN, V.D., nauchnyy sotr.; FOMIN, I.P., nauchnyy sotr.; TIMOFEYEV, D.T., nauchnyy sotr.; TRET'YAKOV, G.P., red.; SEMENCHUK, S.I., red.; YASHCHEN'KINA, Ye.A., tekhn. red.

[Improve cultivation practices and increase sugar beet yields] Sovremenstvovat' agrotekhniku, povyshat' urozhai sakharinoi svekly. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1960. 52 p.

(MIRA 14:10)

1. Kinel'skaya selektsionnaya stantsiya Kuybyshevskogo sel'skokozyaystvennogo instituta (for Ivannikov, Pakhomov, Uchaykin, Fomin, Timofeyev)

(Sugar beets)

IVANNIKOV, V.F.; GLUKHOVTSEVA, N.I.

Parent material for spring wheat breeding at the Kinel' Station.
Agrobiologiya no.6:835-839 N-D '65.

(MIRA 19:12)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut, kafedra
selektcii i semenovodstva.

ACCESSION NR: AP4020047

S/0032/64/030/003/0316/0316

AUTHORS: Dmitriyev, Yu. V.; Mazurov, I. V.; Ivannikov, V. I.

TITLE: Electrical polishing and etching of SAP [sintered aluminum powder]

SOURCE: Zavodskaya laboratoriya, v. 30, no. 3, 1964, 316

TOPIC TAGS: aluminum powder, sintered aluminum powder, electrical polishing, electrical etching, structure, SAP

ABSTRACT: Electrical polishing followed by electrical etching was used to disclose the structure of sintered aluminum powder. Electrical polishing was accomplished by removing a mechanically deformed layer by anodic decomposition until the surface of the metal was smooth and free of structural distortions. The electrolyte consisted of H_3PO_4 (1.7), 300 ml; H_2SO_4 (1.8), 100 ml; CrO_3 , 40 g; and H_2O , 40 ml. A current of 80-100 amp/dm² was used, and the solution was stirred throughout the process. The work was considered finished when a microscopic examination showed the surface to be sufficiently smooth. Etching was accomplished in the same solution but with a current of 10-15 amp/dm². The polished plate was then washed

Card 1/2

ACCESSION NR: AP4020047

with warm water, fixed in concentrated HNO_3 , and chilled in cold water. Orig. art. has: 2 microphotographs.

ASSOCIATION: Moskovskiy aviationsionnyy tekhnologicheskiy institut (Moscow Institute of Aviation Technology)

SUBMITTED: 00

DATE ACQ: 27Mar64

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/2

ACC NR: AP7002621 (A, N) SOURCE CODE: UR/0413/66/000/023/01 6/0138

INVENTOR: Pogibko, M. G.; Kaplanets, Yu. N.; Ivannikov, V. K.

ORG: None

TITLE: A device for checking, signalling and controlling the temperature of liquid and gaseous explosive media. Class 74, No. 189333 [announced by the Donetsk Scientific Research and Design Institute for Automation of Mining Machinery (Donetskiy nauchno-issledovatel'skiy i proyektornyj institut avtomatizatsii gornykh mashin)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1956, 138

TOPIC TAGS: temperature control, temperature measurement, explosive, electronic measurement

ABSTRACT: This Author's Certificate introduces a device for checking, signalling and controlling the temperature of liquid and gaseous explosive media. The unit contains a sensing element in the form of a set of thermistors, each of which is connected to one of the arms of an unbalanced bridge. The device also contains sparkless non-contact relays with transistorized blocking generators, a power supply and a meter. The design provides for high sensitivity and fairly strong control signals with relay characteristics. These signals may be used for direct control of actuating mechanisms. The transistors, which act as nonlinear resistors, have their inputs connected to unbalanced bridges while their outputs are connected to the relay control windings which serve for both starting and stopping.

19.09.1964
SUB CODE: 054 SUBM DATE: 29Oct62

Card 1/1

UDC: 536.587.082.64
0930 2939

IVANNIKOV, Ye. (g.Moskva)

Consult the key workers. Okhr.truda i sots. strakh. no.5:67
My '59. (MIRA 12:9)

1. Inzhener po tekhnike bezopasnosti Krasnopresnenskogo
tramvaynogo dela.
(Industrial hygiene)

USSR/Zooparasitology. Ticks and Insects in Disease Vectors.
Mites.

G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77036.

Author : Ivannikova, A.A.

Inst : IZ TSENTRAL'NOGO DESINFekcIOnogo INSTITUTA

Title : The Acaricide Substances Chlordane and Heptachlor.

Orig Pub: Zh. mikrobiol., epidemiol. i imunobiologii, 1957,
No 6, 126-130.

Abstract: During the application of 10% dusts at 0.5 g/m²
(per effective substance) on wood and glass surfaces,
starved larvae of Ixodes persulcatus perished
in 24 hours with a 5-minute exposure to DDT and heptachlor
(I) at 97-100% and to chlordane (II) at 70-91%. Filled
larvae perished completely in 24 hours from all three
preparations after only hourly exposures. Starved nymphs

Card : 1/2

24

LIBR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Chemical Methods in the Control of Harmful Insects and Acarids. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82930

Author : Ivannikova, A. A.
Inst : Central Scientific Research Institute for Disinfectants
Title : Insecticide Properties of Chlordane and Heptachlor

Orig Pub : Tr. Tsentr. n.-i. dezinfekts. in-ta, 1957, vyp. 10,
205-210

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010013-0
of Pathogenic Agents. Insects.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24315.

Author : Ivannikova, A. A., Karavashkova, A. I.
Inst : Not given.
Title : An Experiment in Utilizing Chlordane in Fly Control.

Orig Pub: Med. parazitol. i parazitarn. bolezni, 1957, 26,
No 6, 733-736.

Abstract: According to the mechanism of its action, chlordane (Ch) is a contact-fumizational insecticide. In volatility, it yields somewhat to hexachlorocyclohexane and is considerably superior to DDT. Ch is applicable in adult fly control for treatment of surfaces only outside inhabited rooms, from a calculation of 2-3 g/m² of the active sub-

Card 1/2

*Cent. Sci Res Disinfection Inst,
Moscow Disinfection Station*

USSR / Zooparasitology. Acarina and Insects. Vectors G
of Pathogenic Agents. Insects.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24315.

Abstract:stance. Applied to the surface, Ch loses its toxic properties after 10-15 days. Upon applying Ch on inside surfaces of sanitary installations, after 4 hours 82% of the flies perished, and after 10 days, 34%. Ch possesses considerable larvicidal properties. On a sector with daily treatment of the content of garbage cans and the soil around them (100 g/m² of 10% dust or 200-500 ml/m² of 2-5% emulsion of Ch), the number of flies decreased, in July by 10, in August by 20 times. The best effect of Ch is assured by its simultaneous application against flies as well as against larvae. -- A. P. Adrianov.

Card 2/2

52

IV. CHINCOVA, A.A., Cand. Bio. Sci.—(diss) "Insecticide and acaricide properties of chlorden and heptachlorine in regard to certain arthropods—carriers of diseases of humans." Iss., 1958. Riga (Agric. Med. Sci USSR), 200 copies (IS,45-58,145)

- 54 -

IVANNIKOVA, A. A., SHNAYDER, YE. V.

"Insecticide properties of chlordan, heptachlorine, diazinone
and chlorophos."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

IVANNIKOVA, I.M.

Comparison study of some physical properties of linen, cotton,
and rayon staple fabrics affecting their hygienic characteristics.
Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.4:23-29 '65.

(MIRA 18:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut promyshlennosti
lubyanykh volokon.

KIRILOVA, G.N.; IVANNIKOVA, L.B.; RADCHENKO, G.O.

Synthesis of cellulose acetoacetate. Zhur. prikl. khim. 37
no.12:2701 D '64. (MIPA 18:3)

AVANDERSON, T. A.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Foods

Queso

The use of radiant energy for the drying of highly hydrated food biocolloids. N. A. Lyapilina. *Ukrain. Khim. Zhur.* 16, No. 5, 509-87 (1950) (in Russian).—When infrared radiation is used to dry foods (e.g., bread), the sample reaches a higher temp. and reaches it more quickly than when convection drying is used. In infrared drying, the area of max. temp. is located approx. 2 mm. below the surface, so that thermal and concentration diffusion join forces near the surface to expel moisture from the sample. In convection drying, these 2 types of diffusion act in opposite directions. To det. the H_2O content of bread, a 5-g. sample is suspended from the pan of a balance and immersed in vegetable oil to prevent oxidation. It is then irradiated with 3 infrared lamps for 3 min. and its loss in wt. detd. Results agree with drying-oven results to within 0.3%. Replacement of infrared lamps by hot-plates gives more uniform but slower heating.

Cyrus Feldman

6-16-54
PMT

IVANNIKOVA, N. A.

Ivanikova, N. A.

"Investigation of the process of drying wheat for seed in order to determine the maximum permissible speed of drying." Joint Academic Council, All-Union Sci Res Inst of the Mechanization of Agriculture (VIM) and All-Union Sci Res Inst of the Electrification of Agriculture (VIESKh). Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya letopis'
No. 25, 1956. Moscow

IVANNIKOVA, R. V.

Ivannikova, R. V. -- "Influence of Portland Cement on the Strength and Water Resistance of Certain Gypsum Cements," Min Higher Education USSR, Moscow Order of Labor Red Banner Engineering-Construction Inst imeni V. V. Kuybyshev, Moscow, 1955 (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

VOLZHENSKIY, A., professor; IVANNIKOVA, R., inzhener

Gypsum cement and gypsum slag binding materials. Stroi. mat.
izdel. i konstr. 1 no.4:13-16 Ap'55. (MIRA 8:10)

1. Chlen-korrespondent Akademii arkhitektury SSSR (for Volzhen-
skiy)
(Gypsum) (Building materials)

KRISTAL'NYY, Vladimir Samoylovich; KITAYEV, V.Ye., retsenzent;
IVANNIKOVA, S.N., retsenzent; KUZNETSOV, S.N., otv. red.
OBRAZTSOVA, Ye.A., red.

[Electrician of long-distance telephone exchanges] Monter
mezhdugorodnoi telefonnoi stantsii. Moskva, Sviaz', 307 p.
(MIRA 17:9)

5-246 Levin, A. I. and Ivanovskaya, T. F. Meteorologicheskie uslovia v zashchitezhnicheskikh ekskavatorov. ~~Изобретение~~ Ученые записки СССР. [Meteorological conditions in workers' premises in excavators in Central U.S.S.R.] Гигиена и Sanitariya, Moscow, No. 0-14-16, June 1953. DLC.—The meteorological conditions, namely air temperature and movement and relative humidity within the work cabin and the machine shop of excavating projects are described. The air temperature difference between interior and outside air varied with the excavations and did not exceed the official standards during the warm season. The relative humidity of the air varied between 31-63% while the outdoor relative humidity ranged between 36 and 76%; the air movement near the work stands ranged between 0- and 35 m/sec. The warmth sensations of the machineists and their helpers were different for 250 same air temperatures because of varying exposure to uncomfortable conditions. Methods of increasing comfort—especially by means of air movement at place of work are suggested. Subject Headings: 1. Indoor climates. 2. Comfort climate. 3. Central U.S.S.R.—L.L.P.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"

IL'INA, L.I.; IVANNIKOVA, T.N.

Studies on electric activity of the cerebral cortex in hypertension. Tr. Akad. med. nauk SSSR. Vol.20:49-56
1952. (OIML 25:5)

1. Of the Pathophysiology Laboratory (Head — S.V. Andreyev, Doctor Medical Sciences), Institute of Therapy (Director — A.L. Myasnikov, Active Member AMS USSR), Academy of Medical Sciences USSR.

EXCERPTA MEDICA Sec. 6 Vol. 11/5 May 57

Ivanova T. N.
3374. ILYINA L. I. and IVANNIKOVA T. N. *Changes in the electric potential of the human EEG synchronous with the cardiac rhythm (Russian text) TER. ARKH. 1955, 27/5 (37-45) Graphs 2 Tables 3

The finding of other workers as to the appearance in some EEG's of changes in potential synchronous with the heart rhythm is confirmed. A great number of EEG's were studied in normal individuals and in patients. In the former, the phenomenon was not observed except in some cases of doubtful cerebral integrity. It was recorded in 61% of the patients with hypertension. More detailed observations revealed some more important characteristics e.g. the incidence was directly proportional to the age and above all to the gravity of the hypertension. It was found that certain leads show 'discordant' voltages, i.e., with oscillations in the opposite direction, whereas they are 'concordant' in benign cases. The hypothesis is offered that it might be a mere spreading of the common ECG as is sometimes found in conditions of high voltage and great conductivity of the tissues. In this case, the discordance of the phenomenon would be a particular instance of the discordant ECG (high RI, deep S3). This hypothesis does not agree with the fact that in some normal and rheumatic individuals with ECG of high voltage the 'heart beat potential' (HBP) was not recorded. On the other hand, in some hypertensive patients with normal electric axis a HBP of the 'discordant' type was recorded, whereas in others with a strong deviation of the electric axis the superimposed potential was a 'concordant' one. It is assumed that the phenomenon described takes its origin in the pathological condition of the sclerosed cerebral blood vessels.

Levin - Buenos Aires (VI, 8)

IVANNIKOVA, T. N. Can. Biol Sci -- (diss) "Electroencephalographic [REDACTED] examinations of hypertension patients during the action of various neutropic substances." Mos, 1958. 16 pp (Acad Med Sci USSR), 200 copies (KL, 36-58,119)

IVANNIKOVA, T.N.

Electroencephalographic investigation of changes in the central nervous function in hypertension patients following the use of various neurotropic substances. Gip.bol. no.5:52-70 '58.

(MIRA 13:5)

(HYPERTENSION)

(CEREBRAL CORTEX)

IL'INA, L.I.; IVANNIKOVA, T.N. (Moskva)

Electrical activity of the cerebral cortex in patients with the cardial form of rheumatic fever. Vrach.delo no.6:591-596 Je '59.

(MIRA 12:12)

1. Institut terapii AMN SSSR (direktor instituta - deystvitel'nyy chlen AMN SSSR, prof. A.L. Myasnikov).
(ELECTROENCEPHALOGRAPHY) (RHEUMATIC HEART DISEASE)

USSR/Biology - Physiology

FD-2251

Card 1/1 Pub 17-2/20

Author : Kogan, A. B.; Ivannikova, T. V.

Title : Conditioned visual reflexes in cats having occipital lobes of cerebral hemispheres removed at an early age

Periodical : Byul. eksp. biol. i med. 3, 6-9, Mar 1955

Abstract : Investigated conditioned visual nutritive reflexes in a group of 24 cats and 2 puppies, half of which had the occipital lobes of the cerebral hemispheres removed at the age of 2-4 weeks. The other half of the group served as control. Also observed gross changes in cerebral hemispheres of experimental animals from 1 to 90 days after operation. Tables; photographs. Three references; all USSR, one since 1940.

Institution: Chair of Human and Animal Physiology (Head-Prof. A. B. Kogan) of the Rostov State University imeni V. M. Molotov

Submitted : April 6, 1954. Presented by Academician K. M. Bykov

IVANNIKOVA, T. V. Cand Biol Sci -- (diss) "On the functional and anatomic restoration of the cortical section of the visual analyzor after its removal at an early age." Rostov-on-Don, 1957. 11 pp (Rostov-on-Don State Univ. Chair of Physiology of Humans and Animals), 100 copies (KL, 3-58, 96)

-14-

USSR/Human and Animal Physiology (Normal and Pathological).
Nervous System. Higher Nervous Activity. Behavior.

T-12

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51326

Author : Ivannikova, T.V.

Inst : University of Rostov.

Title : Functional and Anatomic Restoration of Resected Cortical
Sections of the Visual Analyzer.

Orig Pub : Sb. stud. rabot. Rostovsk. un-t, 1957, vyp. 3, 83-102.

Abstract : Occipital lobes of the large hemispheres were removed in
kittens and puppies during their first month of life.
One to 1½ months after the operation, visual conditioned
reflexes (CR) were produced in them as fast as in control
animals of the same litter. In operated kittens, differen-
tiations were produced as to the location of the lamp,
degree of illumination, shape of the objects. In these

Card 1/2

- 131 -

USSR/Human and Animal Physiology (Normal and Pathological).
Nervous System. Higher Nervous Activity.
Behavior.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 80038.

Author : Ivannikova, T.V.

Inst : On the Plasticity of the Cortical Parts of the Visual
Title : Annlysis in the Early Period of Its Development.

Orig Pub: Uch. zap. Rostovsk.-n/D. un-t, 1957, 48, vyp. 1, 3-26.

Abstract: In 19 cats and 5 puppies (3-5 weeks), as well as in
three adult cats, occipital lobes (OL) were bilate-
rally removed. According to the rate of formations
and the stability of the formed food conditioned re-
flexes (CR) to light, according to the rapidity of

Card : 1/3

APPROVED FOR RELEASE

USSR/Human and Animal Physiology (Normal and Pathological).
Nervous System. Higher Nervous Activity.
Behavior.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 80038.

formation and stability differentiations, according to the success of the alteration of the signal value of the stimulators in the cats and puppies operated on, reflexability was not lost. Along with the functional restoration of the fine forms of visual analysis, morphological restoration of the nervous structures of the cortical end of the visual analyisor were observed. After repeated operation of the removal of the OL in one kitten (6 months) and puppy (13 months), CR was preserved completely; the capacity to differentiate decreased, but everything was higher than in animals first operated on when adults. Clearly, compensation of functions in ani-

Card : 2/3

98

USSR/Human and Animal Physiology (Normal and Pathological).
Nervous System. Higher Nervous Activity.
Behavior.

T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 80038.

imals undergoing operation at an early age occurred both by means of restoration of the nucleus of the analyisor and by means of the training of its dif- fused elements.

Card : 3/3

IVANNIKOVA, T.V.

Cortical compensation of functions of the visual analysor. Fiziol.
zhur. 46 no.11:1314-1319 N '60. (MIRA 13:11)

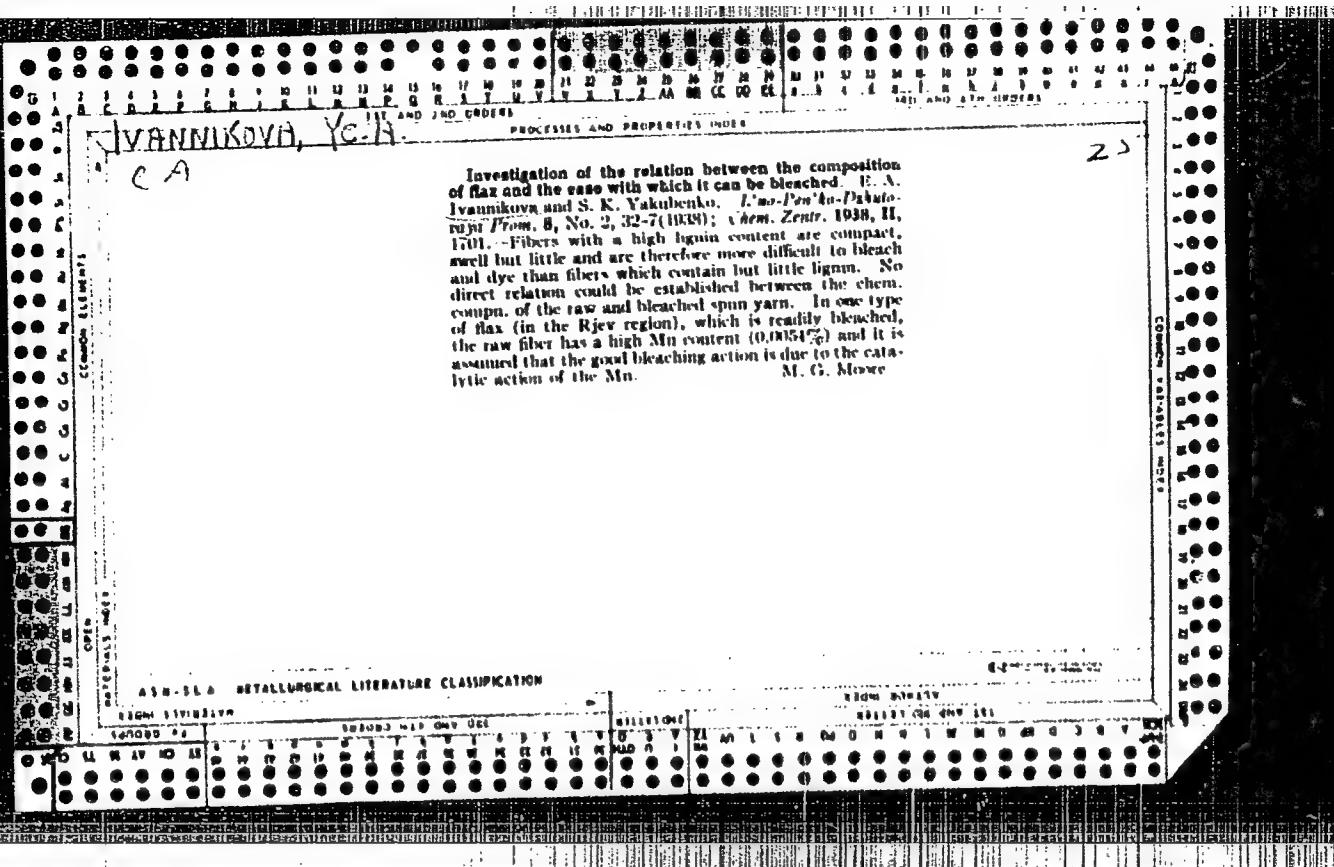
1. From the Chair of Man and Animal Physiology, State University,
Rostov-on-Don.

(CEREBRAL CORTEX) (REGENERATION (BIOLOGY))
(VISION)

IVANNIKOVA, T.V.

Possibility of the division of cortical neurons. Biul.eksp.
(MIRA 16:7)
biol. i med. 55 no.1:93-96 Ja'63.

1. Iz laboratorii elektrofiziologii nervnoy deyatel'nosti
(zav. - prof. A.B.Kogan) Rostovskogo-na-Donu gosudarstvennogo
universiteta. Predstavlena deystvitel'nym chlenom AMN SSSR
N.A.Krayevskim.
(NEURONS) (CEREBRAL CORTEX—SURGERY)
(REGENERATION (BIOLOGY))



VATENKOVN, YEV.

196

225

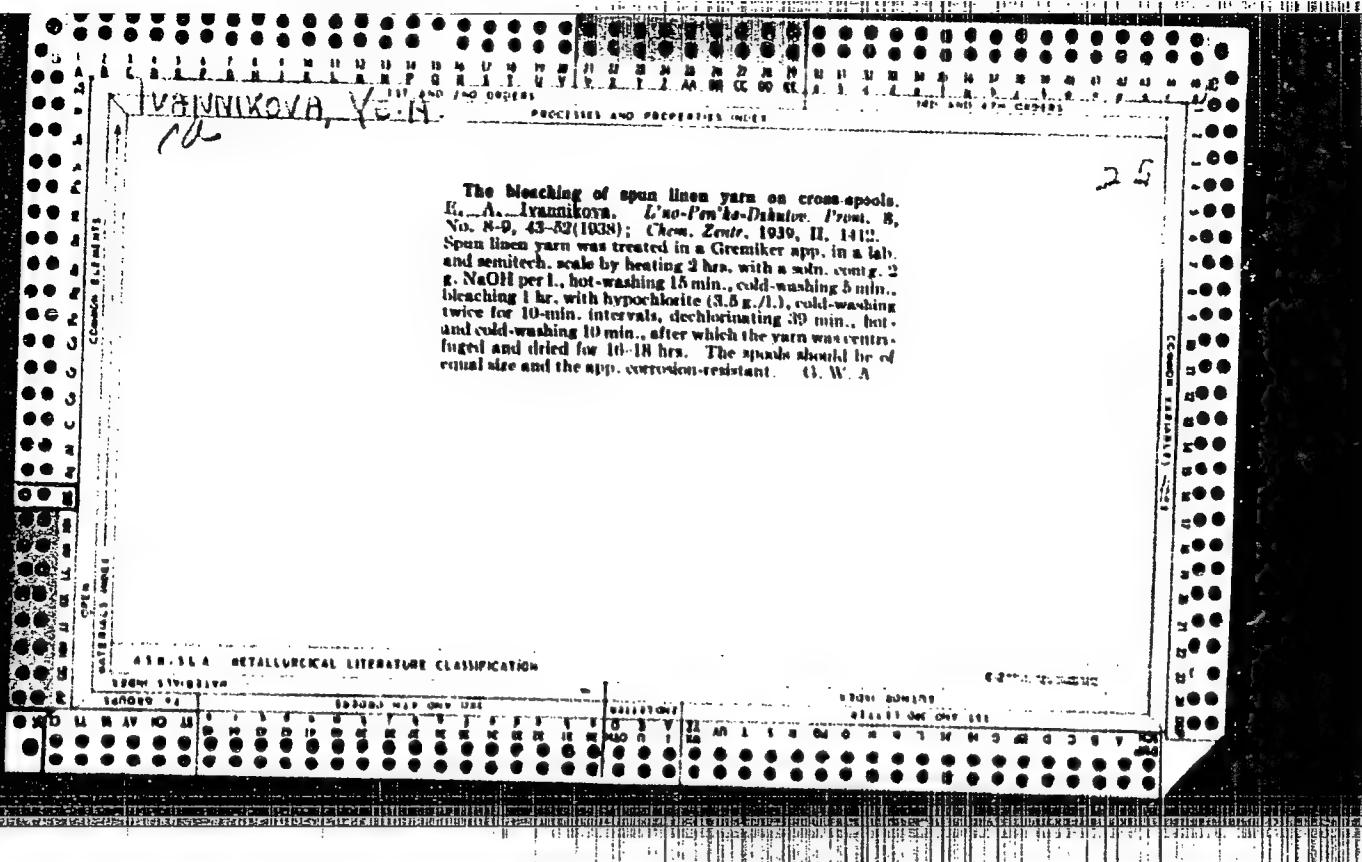
The bleaching of linen fabrics in the Brendwood apparatus. E. A. Ivannikova. *L'no-Pervy-Dobro*. From. S. 37-42 (NOV., 1939). — *Chem. Zentr.* 1939, II, 2002; cf. *C. A.* 34, 4015. — Boiling and bleaching tests were made on linen fabrics in the Brendwood app. Methods of treatment and concn. of the bleaching liquors are given. Up to 80% of the nitrogenous materials were removed during the bleaching. The av. bleaching amounted to 47%; it varied by as much as 2% between the different layers on the spool. Weaving tests with yarn bleached in the Brendwood app. gave satisfactory results. The fabrics produced showed a bleaching action of 82%, as indicated by a step photometer. The reduction in tensile strength as a result of bleaching was 23% for the warp and 29% for the weft. These losses in strength were due to the action of Fe salts formed by corrosion of the app. M. G. Minne

M. C. Munn

ABE-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010013-0"



IVAN IKUVA, Ye. A. Cand. Tech. Sci.

Dissertation: "Changes in the Chemical Composition of Flax Fiber in the Process of Mechanical and Chemical Treatment and Ways for Reconstruction of Linen Industry." Moscow Textile Inst, 19 Jun 47.

SO: Vechernaya Moskva, Jun, 1947 (Project #17836)

IVANOCIC, D.

2d Serbian Livestock Exhibition. p. 47 POLJOPRIVREDA.
(Drustvo poljoprivrednih inzenjera i tehnicara NR Srbije)
Beograd. Vol 4, no. 1, Jan. 1956

SOURCE: East Europe Accessions Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

11/10/86
IVANOCIS, G.; ALFOLDI, L.; LOVAS, B.

Cultivation and electron microscopy of a bacteriocinogenic strain of
Bacillus megaterium. Acta microb. hung. 4 no.3:295-308 1957.

1. Institute of Microbiology, Medical University, Szeged and Electron
Microscopic Laboratory of the Hungarian Academy of Sciences, Budapest.

(BACILLUS MEGATHERIUM

bacteriocinogenic strain, cultivation, absence of phage
form., megacin form. & electron microscopy)

(MICROSCOPY, ELECTRON

of bacteriocinogenic strain of Bacillus megatherium)

IVANOCIS, G.; ALFOLDI, L.; SZELL, A.

Serological types of *Bacillus megatherium* and their sensitivity to phages. *Acta microb. hung.* 4 no.3:333-351 1957.

1. Institute of Microbiology, Medical University, Szeged.

(*BACILLUS MEGATHERIUM*

serol. typing & phage sensitivity of various types)

(*BACTERIOPHAGE*

sensitivity of various serol. types of *Bacillus megatherium*)

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 4, Jul-Aug 1961, pp 347-350.

Data: "Studies on the Duration of the Carrier State in Escherichia
coli, O₁₁₁, B₄ and O₅₅, B₅₅."

Authors:

IVANOF, A., -Dr.-
CIUPE, M., -Dr.-
IONESCU, N., -Dr.-
NEGRU, Marielena, -Dr.-

GPO 981643

60

IVANOF, A., dr.; SERBAN, Doina, biolog

Research concerning the relations between the fermentative properties and pathogenicity of staphylococci. Microbiologia (Bucur.) 10 no.4:319-326 J1-Ag '65.

1. Lucrare efectuata in Sectia de epidemiologie a Institutului de igiena si protectia muncii, Cluj.

PIRAU, T.; IVANOF, A.; SERBAN, Doina; BARNA, V.; TOLAN, L.; TECSA, D.; SIGHETI, I.

Research on the strain lysotypy of pathogen staphylococci isolated from a group of dark type ~~children~~ children. Microbiologia (Bucur) 6 no.1:56-57 Ja-F '61.

1. Institutul de igiena, Cluj (for Pirau, Ivanof, Serban). 2. Casa copilului, Cluj (for Barna, Tolan, Tecsa, Sigheti).

*

IVANOF, A.; BERGNER, E.; BUIA, C.

Modifications of the pharyngeal and intestinal aerobe microbial flora following antibiotic treatment of children; consecutive staphylococcal otic complications. Microbiologia (Bucur) 6 no.1:59-60 Ja-F '61.

1. Institutul de igiena, Cluj.

BADENSKI, Gh., prof.; BERGNER, Eva; BUIA, Claudia; IVANOF, A.

Experimental staphylococcal infection of the white mouse by the ocular way. Microbiologia (Bucur) 6 no.1:62-63 Ja-F '61.

IVANOF, A.; SERBAN, D.; BARNA, B.; TOLAN, L.; SIGHETI, I.; TECSA, D.; LANGHEL, I.

Study of the efficiency of vaccine and anatoxin preventive vaccination
in staphylococcal infections. Microbiologia (Bucur) 6 no.1:66 Ja-F '61.

1. Institutul de igiena Cluj (for Ivanof, Serban). 2. Casa copilului
Cluj (for Barna, Tolan, Sigheti, Tecsa). 3. Sanepidul regional Cluj
(for Lenghel).

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010013-0

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010013-0"

LUF/201-F D

YUGOSLAVIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 74023.

Author : Ivanoff, D.; Marecoff, N.

Inst :

Title : Preparation of Sodium α -Magnesyl- β -Toluene-sulfonate and Some Syntheses with Its Application.

Orig Pub: Croat. chem. acta, 1957, 29, No 3-4, 347-349.

Abstract: $C_6H_5CH_2SO_3H$ was converted into $C_6H_5CH(MgCl)SO_3Na$, with the application of which $(C_6H_5)_2C(OH)CH(C_6H_5)SO_3Na$ (II) and cyclo- $C_6H_11(OH)CH(C_6H_5)SO_3Na$ (III) were prepared of $C_6H_5COC_6H_5$ (I) and cyclohexanone correspondingly. It was shown on the example of II that β -oxysulfo acids also split at boiling (1 hour) with 10% ual NaOH into I

Card : 1/2

BLAGOEV, B.; IVANOFF, D. [Ivanov, D.]

Preparation of the organomagnesium reagent of cyanoacetic acid.
Doklady BAN 16 no.6:649-652 '63.

1. Institut de chimie organique de l'Académie bulgare des
Sciences.

STOYANOFF, St.; IVANOFF, IV. (Présentée de l'acad. Tsv.Kristanov le 5. VII. 1954)

Epidermophytosis among workers of public baths in Sofia. Doklady Belg. akad. nauk 7 no.2:65-67 Apr. Sept. '54.

1. Institut de médecine clinique et sociale de l'Académie des Sciences Bulgare et le dispensaire urbain dermatovénérologique de Sofia.

(SKIN, diseases,
fungus dis. in pub.bath workers in Bulgaria)

(FUNGUS DISEASES,
skin, in pub.bath workers in Bulgaria)

(OCCUPATIONAL DISEASES,
fungus dis. of skin in pub. bath workers in Bulgaria)

STOYANOFF, St.; IVANOFF, Iv.

Case of chronic benign familial pemphigus (Gougerot-Hailey-Hailey disease) Doklady Bolg.akad.nauk 7 no.2:69-70 Apr-Sept '54.

1. Institut de médecine clinique et sociale de l'académie des Sciences Bulgare et dispensaire urbain dermatovénérologique de Sofia. (Presentée de l'acad. Tsv.Kristanov le 5. VII. 1954)
(PEMPHIGUS,
chronic benign familial, case report)

IVANOFF, Madeleine, ing.; BOIANGIU, T., ing.

Checking the quality of rigid polyvinyl chloride pipes produced
in Rumania. Rev chimie Min pét 12 no.10:570-575 0 '61.